

पाधिकार संप्रकाशत Published by Authority

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नई दिल्ली, शनिवार, फरवरीं 17, 1979 (माघ 28, 1900)

No. 7]

NEW DELHI, SATURDAY, FEBRUARY 17, 1979 (MAGHA 28, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के कप में रखा जा सके । Separate paging is given to this Part in order that it may be filed as a separate compilation.

# भाग Ш-- चण्च 2

# PART III—SECTION 2

पेथेन्ट कार्यालय द्वारा जारी की गई पेटेस्टों और विकादनों से सम्बन्धित अधिसूचमाएं और नोटिस Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 17th February 1979

## CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated 19th August 1978, in page 610, column 2, under the heading "CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)", under item (5), line 6, for "cellulosie" read "cellulosic".

In the Gazette of India, Part III, Section 2 dated 9th September 1978, in page 662, column 1, under the heading "CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)", under item (1), line 8, for "motion" read "portion", in column 2, under item (6), line 7, for "27th August 1978" read "27th August 1977".

In the Gazette of India, Part III, Section 2 dated 23rd September 1978, in page 703, column 1, under the heading "PATENTS SEALED", line 1, for "148014" read "143014", in page 706, column 2, under the heading "CANCELLATION OF THE REGISTRATION OF DESIGNS (Section-51A)", under item (2), line 3, for "Basant Prant & Company" read "Basant Pran & Company".

In the Gazette of India, Part III, Section 2, dated 30th September 1978, in page 724. column 1, under the heading "AMENDMENT PROCEEDINGS UNDER SECTION 57", under item (1), line 19, for "gling" read "filing"

## CORRIGENDA

In the Gazette of India, Part III, Section 2, dated the 15th April 1978, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED' 1---467G1/78

(1)

In page 268, column 1, line 4, against No. 144234-for 'SOSHUA' read 'JOSHUA'

and in line 5,

for 'SALIGRAMAN' read 'SALIGRAMAM'

(2)

In page 268, column 2, line 12, against No. 144237—for 'filed September 7, 1974' read 'filed August 13, 1973'.

(3)

In page 269, column 2, line 10, against No. 144241—for No. 933/Cal/576' read 'No 933/Cal/76'.

(4)

In page 271, column 2, line 5, against No. 144252—for 'of 300 NORTH' read 'OF 800 NORTH'

(5)

In page 272, column 1, line 12, against No. 144254—for 'Urocess' read 'Process'

(6)

In page 273, column 2, line 11, against No. 144261 delete 'Convention date June 5, 1974 (24948/74) U.K.

(7)

In page 274, column 1, line 1, against No. 144263— /or 'CLASS 12-Ca' read 'CLASS 12C & A'

(99)

(8)

In page 274, column 1, line 9, against No. 144264—for 'No. 1051/Cal/75' read 'No. 1501/Cal/75'

#### CORRIGEND A

In the Gazette of India, Part III, Section 2, dated the 8th April 1978, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 251, column 1, line 8, against No. 144203—for 'WELSSEL' read 'WEISSEL'

(2

In page 251, column 1, line 2, against No. 144204—for Int. 'C07 35/00' read Int. Cl. 'C07d 35/00'

(3)

In page 255, column 1, line 3, against No. 144217—for 'COABULATION' read 'COAGULATION'

(4)

In page 255, column 2, line 10, against No. 144220—for '735/Cal/75' read '735/Cal/76'

(5)

In page 256, column 2, line 6, against No. 144225—for 'New Delhi 110004' read 'New Delhi-110024'

(6)

In page 257, column 1, line 4, against No. 144229—for 'FIVES-CALL' read 'FIVES-CAIL'

(7)

In page 258, column 1, under the heading 'PRINTED SPECIFICATION PUBLISHED' in Group 1, line 2.—
for '138547' read '136547'

## $CORRIGEND_A$

In the Gazete of India, Part III, Section 2, dated the 1st April 1978, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 233, column 2, line 6, against No. 144144—for 'SCENCTADY' read 'SCHENECTADY'

(2

In page 238, column 2. line 2, against No. 144168—for 'C22b9/13' read 'C22b 9/13'

(3)

In page 240, column 2, line 9, against No. 144175—for 'April 9, 1975' read 'April 9, 1976'

(4)

In page 240, column 2, line 9, against No. 144176—for 'No. 26/Mas/76' read 'No. 25/Mas/76'

(5)

In page 243, column 1, line 11, against No. 144189—for 'signeing' read 'singeing'

(6)

In page 243, column 1, line 1, against No. 144190—for '145B, 62D' read '145B & 62D'

(7)

In page 243, column 2, line 4, against No. 144191—for 'AMINOBENOIC' read 'AMINOBENJOIC'

(8)

In page 245, column 2, line 7, against No. 144201—for 'FULGURITWERKS' read 'FULGURITWERKE'

#### CORRIGENDA

In the Gazette of India, Part III, Section 2, dated the 22nd April 1978, under the heading 'COMPLETE SPECIFICATIONS ACCEPTED'.

(1)

In page 282, column 2, line 6, against No. 144267—for 'S.U.A.' read 'S.p.A.'

(2

In page 284, column 1, line 6, against No. 144272—for 'ELEKTROKHIMNI' read 'ELEKTROKHIMII'

(3)

In page 284, column 2, line 2, against No. 144274—for 'F28b 21/00' read 'F28d 21/00'

(4)

In page 284, column 2, line 1, against No. 144275—for '179C & E.G. read '179C & E. & G'

(5)

In page 286, column 1, line 9, against No. 144283—for 'Dr. GYULA PALL' read Dr. GYULA PAPP'

(6)

In page 287, column 2, line 13, against No. 144286—for '1976' read '1973'

(7)

In page 289, column 1, line 5, against No. 144291—for '50-LEIT WELIKOI' read 50-LETIA VELIKOT

(8)

In page 290, column 2, liffe 8, against No. 144296\_\_\_ for 'ULITS A' read 'ULITSA'

**(9)** 

In page 291, column 2, line 12, against No. 144301—for 'NO. 401/Cal/76' read No. 401/Cal/75'

(10)

In page 291, column 2, line 5, against No. 144302—delete AND INPUT CIRCUIT MEANS

(11)

In page 293, column 2, line 2, against No. 144311 for 'B65b 9/10' read 'B65d 9/10'

(12)

In page 295, column 2, line 3 & 4, against No. 144319—for B-OXO-ISO LONCIFOLANES

read '8-OXO-ISOLONGIFOLANES'

## CORRIGENDUM

In the Gazette of India Part III, Section 2 dated the 21st January, 1978 at page 57 for numbers 143734 against application No. 670/Cal/75 read 143735 and numbers 143735 against application No. 671/Cal/75 read 143734.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

### 11th January 1979

- 28/Cal/79. Hind Machinery Works. Improvements in or relating to spinning machines.
- 29/Cal/79. H. Schmoock. Improved method of manufacturing a laminate.
- 30/Cal/79. CCL Systems Limited. Compression splicing and components therefor. (January 11, 1978).
- 31/Cal/79. Societe D'Etudes Scientifiques ET Industrielles DE L'Ile DE France. New derivatives of 4-amino-5-alkylsulfonyl ortho-anisamides, their methods of preparation and their application as psychotherapeutic agents.
- 32/Cal/79. A. K. Bharti. Improved motor fan.

# 12th January 1979

- 33/Cal/79. Monash University. Power generation system. (February 10, 1978).
- 34/Cal/79. Monash University. Fluidised bed drying.

#### (February 10, 1978)

- 35/Cal/79. Monash University. Drying solid materials. (February 10, 1978).
- 36/Cal/79. Davy Powergas GmbH. Shaft furnace for gasifying fine-grained fuels in a fluidised bed.

#### 15th January 1979

- 37/Cal/79. Chloride India Limited. Process for preparing a microporous polymeric material.
- 38/Cal/79. O. Havre. A method of transferring a fluid from a station on the sea bed to a vessel, or vice-versa, and a means and a vessel for carrying out the method.
- Cal/79. Durametallic Corporation. Self-cooled mechanical seal.
- 40/Cal/79. Siemens Aktiengesellschaft. A monitoring device for rolls of data carrier.

# 16th January 1979

- 41/Cal/79. The Marley Company. Fan cylinder having invisible eased inlet.
- 42/Cal/79. Hoechst Aktiengesellschaft. Process for the manufacture of a catalyst.
- 43/Cal/79. Hoechst Aktiengesellschaft. Process for the manufacture of a catalyst.
- 44/Cal/79. The Indian Cable Company Limited. A semiconducting tape formed from a self-amalgamating blend.
- 45/Cal/79. Dr. Siddhartha Ray. Improvements in or relating to double beat valve type flow controller.

## 17th January 1979

- 46/Cal/79. Societe D'Etudes Scientifiques ET Industrielles DE L'Ile-DE-France. New substituted heterocyclic benzamides, methods of preparing them, and their application as behaviour modifiers.
- 47/Cal/79. H. Thompson. Method and apparatus for treating smoking articles.
- 48/Cal/79. Siemens Aktiengesellschaft. Electrical winding.
- 49/Cal/79. Instytut Technologii Nafty. Method of feedstock pre-treatment for production of electrode coke.
- 50/Cal/79. Ammaji and Rajasri, Chekuri and Sri C. Radhakrishnadas. Transplanter cum injector of fertilizer and pesticide capsules for rice and other crops.

# APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

#### 29th December 1978

- 961/Del/78. Council of Scientific and Industrial Research.
  Preparation of high purity graphite.
- 962/Del/78. Council of Scientific and Industrial Research. Improvements in or relating to electroless plating of nickel.
- 963/Del/78. Council of Scientific and Industrial Research.
  Adaptive background compensation device.
- 964/Del/78. Societe Nationale DES Poudres ET Explosifs. Device for propellant powder.

# 30th December 1978

- 965/Del/78. Shri H. Sukh. Lever gun.
- 966/Del/78. Council of Scientific and Industrial Research.
  Improvements in or relating to sealing of anodised aluminium and its alloys.
- 967/Del/78. Council of Scientific and Industrial Research. Cationic fatliquor from vegetable oil.
- 968/Del/78. Council of Scientific and Industrial Research. "Eccemark" Semi-automatic electrochemical marking machine.
- 969/Del/78. Council of Scientific and Industrial Research. Improvements in or relating to pretreatment for mandrels used in electroforming of copper foils.
- 970/Del/78. Council of Scientific and Industrial Research.
  An improved process for the preparation of polybutenes.
- 971/Del/78. Council of Scientific and Industrial Research.

  A process for the preparation of a detonator cap sensitive explosive composition.
- 972/Del/78. Council of Scientific and Industrial Research.
  Improvement in or relating to the manufacture of short wave magnetic cores.
- 973/Del/78. Council of Scientific and Industrial Research.

  A process for the preparation of a haemostatic agent from boerrhavia diffuse linn.—particularly to stop Intra-Uterine contraceptive device induced bleeding in women.
- 974/Del/78. Council of Scientific and Industrial Research.
  Process for the preparation of anhydrous acetic
  acid from its aqueous solutions.

# APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

## 1st January 1979

1/Mas/79. M. I. R. Irwin. An improved surf landing crait or boat.

# 2nd January 1979

2/Mas/79. C. A. Raja. Improvements in or relating to fuse boxes.

#### 5th January 1979

3/Mas/79. Hindustan Photo Film Manufacturing Company Limited. Silver nalide emulsion for screen type radiograph.

# 9th January 1979

- 4/Mas/79. A. C. M. Mohideen. Brassiers with non detachable nipple covers. [Divisional date October 12, 1977].
- 5/Mas/79. A. C. M. Mohideen. Brassiers with detachable nipple covers. [October 12, 1977].

### ALTERATION OF DATE

146084. 1388/Cal/77. Aute-dated October 9, 1975. 146092. 914/Cal/77. Ante-dated October 10, 1975.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 19/2 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The Classifications given below in respect of each specification are according to Indian Classification and Internation Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Roy Road, Calcutta in due Course. The price of each specification is Rs. 2/-(pastage extra if sent out India) Requisition for the supply of the printed specifications should be accompanies by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be assertained on application to that office.

CLASS 128G.

146063,

Int. Cl.-A61m 1/00, 5/00.

HYPODERMIC INJECTION APPARATUS.

Applicant & Inventor: DR. MED. WOLFGANG WAGNER, 1 BERLIN 27, KLOSTERFELDER WEG 29, WEST GERMANY.

Application No. 223/Cal/76 filed February 7, 1976.

Appropriate office for opposition Proceedins (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

### 15 Claims,

Hypodermic injection apparatus comprising a muzzle-like housing around a cannula shaft with a rim which is at least partially evacuated before use, one end of said cannula being fastened on said housing, at least one membrane scaling said housing on the side of said rim at a distance from the cannula tip, supporting means, for said membrane these supporting means having an opening in the middle, means to fasten said supporting means on said housing, a receptacle for a liquid quantity said receptacle being in a tubular connection with said fastened end of said cannula, said cannula being closed by sealing means, until the apparatus is pressed with the rim towards the skin, the means to fasten said supporting means on the housing being deactivated and the membrane with the skin being sucked into said housing, the tip of said cannula then piercing said membrane and the skin, comprising further means to diminish the volume for the liquid in said receptac'e causing the injection.

CLASS 128G.

146064.

Int. Cl.-A61m 1/00, 5/00.

APPARATUS FOR USE IN DISPENSING MEASURED DOSES OF LIQUID MEDICAMENTS.

Applicant & Inventor: DR. MED. WOLFGANG WAGNER, 1, BERLIN 27, KLOSTERFELDER WEG. 29, WEST GERMANY.

Application No. 225/Cal/76 filed February 7, 1976.

Appropriate office for opposition Proceedins (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims.

Apparatus suitable for use in dispensing measured doses of liquid medicaments from supply containers thereof, which comprises a piston slidably mounted within a cylinder, means connecting the cylinder via valve means with the liquid in the supply container which allows passage of the liquid, said liquid being caused to flow into the cylinder on release of the valve means, and outwardly displace the piston by the action of pressure exerted within the supply container, the maximum outward displacement of the piston being variable and pre-determinable whereby in use the piston and cylinder act as a means for metering a desired pre-determined quantity of liquid, which may be expelled or withdrawn from said cylinder via valve outlet means.

CLASS 174B.

146065.

Int. Cl.-B68g 7/06.

## RUBBER CUSHIONED PAD

Applicant: MIDLAND-ROSS CORPORATION, OF 55, PUBLIC SQUARE, CLEVELAND, OHIO, 44113, UNITED STATES OF AMERICA.

Inventor: DONALD WILLISON.

Application No. 1240/Cal/76 filed July 9, 1976.

Appropriate office for opposition Proceedins (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims,

A cushioning pad comprising a plate member having a cushion of resilient material secured to at least one side thereof, an integral dowel extending outwardly from the face of the cushion, and a corresponding dowel-receiving recess in the face of the cushion and spaced from the dowel, the dowel being generally in the shape of furstum of a cone with a side surface whose taper relative to the axis of the dowel is greater than the taper of the side surface of the recess whereby in use upon assembly of pads a gathering action occurs to align initially laterally displaced pads.

CLASS 146D1 & 148B.

146066.

Int. Cl.-G03f 9/00, 3/00.

OPTICAL BENCH FOR MAKING SELECTED COLOUR-COMPONENT RECORDS OF COLOUR TRANSPARENCIES FOR USE IN COLOUR PRINTING.

Applicant: ZELACOLOR SYSTEMS ESTABLISHMENT, OF VADUZ, LIECHTENSTEIN.

Inventors: EMILE, ARMAND, HENRI GUILLAUME.

Application No. 2145/Cal/76 filed December 1, 1976.

Appropriate office for opposition Proceedins (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 19 Claims.

An optical bench for making selected color-component records from color transparencies for use in color printing comprising a light generator for producing a diverging beam of light, means for selectively placing color filters in the light beam, a light condenser & for converging the light beam to a point of convergence, a camera including an objective for receiving the converging light beam substantially at the point of convergence thereof, means for supporting a transparency in the converging light beam between said condenser and said camera objective, and adjusting means for adjusting the point of convergence of the light beam in its distunce from said light generator and said adjusting means being coordinated with said filter placing means such that as said filter placing means places a different filter in the light beam, said adjusting means adjusts the point of convergence of the convergence of each light beam colored by a respective said filter linto said camera coincides with the optical center of said camera objective.

CLASS 32C & Fea & F3b & F8c & 55E, & F. Int. Cl.-C07c 167/02.

146067.

PROCESS FOR THE PREPARATION OF TRICYCLIC AROMATIC COMPOUNDS.

Applicant: UNITED STATES DEPARTMENT OF COMMERCE, OF WASHINGTON, D.C. UNITED STATES OF AMERICA.

Inventors: ULRICH WEISS AND KENNER CRALLE RICE.

Application No. 555/Cal/77 filed April 12, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 2 Claims.

A method for synthesis of a tricycle aromatic compound of the formula shown in Fig. 4.

whereas  $R^{\tau}$  is hydrogen  $R^{\star}$  is carbomethoxy and  $R_{\theta}$  is methyl comprising the steps of :

(a) condensing three moles of a dimethyl 3-keto-glutarate of the formula R₀OOCCH₀COCH₂COOR,, with two moles of glyxal to produce a hexacarbomethoxy compound of the formula as shown in Fig. 16.

wherein Ra is methyl;

(b) hydrolyzing the hexacarbomethoxy compound to a dicarbomethoxyaldol of the formula as shown in Fig. 7.

(c) acetylating the dicarbomethoxyaldol to an acetoxy compound of the formula as shown in Fig. 8.

(d) thermolyzing in a known manner the acctoxy compound to a tricyclic compound of the formula as shown in Fig. 9.

which spontaneously adolizes to an intramolecular aldol of the formula as shown in Fig. 10.

and treating the intramolecular aldol with alkali metal methoxide to form the tricycle aromatic compound of the formula as shown in Fig. 5.

wherein Ra is as above;

or treating said acetoxy compound with the alkali metal methoxide to form said tricyclic aromatic compound, and if desired, etherifying the hydroxy of said tricyclic aromatic compound to a dimethoxy compound of the formula shown in Fig. 17.

wherein R<sub>1</sub> is methyl. CLASS 172C<sub>5</sub>. Int. Cl.-D01b 1/20.

146068.

MACHINE FOR ROOT END COMBING AND ROLLING FOR JUTE FIBRES.

Applicant: INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, 17, TARATOLA ROAD, CALCUTTA-700053, WEST BENGAL, INDIA.

Inventor: SUBIMAL PALIT.

Application No. 586/Cal/77 filed April 16, 1977.

Complete specification left June 24, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

# 4 Claims.

A machine for root end combing and roll forming for jute fibre comprising a conveyor gripping mechanism for jute fibre, a series of oscillating combing lattices and roll forming arrangements at the delivery end wherein the gripper is provided with movables jaws to hold the jute between the oscillating lattice, which have a combing and an open position, the jute being teased/combed in the combing position and move from one lattice to another during open position of the same from the feeding end to the delivery end by the conveyor cum feed table, then to be carried by another conveyor to form roll on the roll former.

CLASS 1A.

146069.

Int. Cl.-C09j 3/00.

TACKY ADHESIVE COMPOSITION.

Applicant: JOHNSON & JOHNSON, AT 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSY, UNITED STATES OF AMERICA.

Inventor: RALF KORPMAN.

Application No. 696/Cal/77 filed May 10. 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims. No drawings,

A pressure-sensitive adhesive composition comprising a thermoplastic elastomeric component and a resin component; said thermoplastic elastomeric component consisting essentially of about 55-58 parts of a simple A-B block copolymer wherein the A-blocks are derived from styrene or styrene homologues having total carbon content of 8 to 10 and the B-blocks are derived from isoprene, and about 15-45 parts of a linear or radical A-B-A block copolymer wherein the A-blocks are derived from styrene or styrene homologues having total carbon content of 8 to 10 and the B-Blocks are derived from conjugated dienes such as isoprene or butadiene or lower alkenes having 2 to 6 carbon atoms, the A-blocks in the A-B block copolymer constituting about 10-18 percent by weight of the A-B copolymer and the total A-B and A-B-A copolymers comprising not above about 20 percent styrene; said resin component consisting essentially of about 20-300 parts of tackifier resin such as herein described for said elastomeric component; all of said parts being parts per one hundred parts by weight of the thermoplastic elastometic compound.

CLASS 64B1.

146070.

Int. Cl.-H01r, 13/00.

 $\Lambda$  DEVICE FOR MECHANICALLY CONNECTING TWO OR MORE SPACED ELEMENTS ONE TO THE OTHER.

Applicant: WESTINGHOUSE ELECTRIC CORPORA-TION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: RICHARD ANDREW GRONHOLM.

Application No. 1758/Cal/75 filed September 15, 1975.

Appropriate office for opposition Proceedins (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

A device, for mechanically connecting two or more spaced elements one to the other, in which said spaced elements comprising rectifier modules connected through conductor straps and affixed to a wheel for rotation about an axis, said device having a resilient member with a plurality of end portions adapted to join said spaced elements, said resilient member further comprising an opposed pair of arcuately shaped half sections, characterized in that said first half section being disposed in a concave relationship with respect to

said second half section, said first and said second half sections are conductors of electrical current and having predetermined cross-section, length, and radius of curvature.

CLASS 68D.

146071.

Int. C1.-H02k 1/00, 3/00, 5/00.

AN INVERSE DEFINITE MINIMUM TIME RELAY FOR OVERCURRENT PROTECTION.

Applicant: MALHATI TEA & INDUSTRIES LTD., OF 11 GOVERNMENT PLACE, EAST, CALCUTTA-700069, WEST BENGAL, INDIA.

Inventor: DHIRENDRA KUMAR MITTER.

Application No. 137/Cal/76 filed January 24, 1976. Complete Specification left April 22, 1977.

Appropriate office for opposition Proceedins (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims.

An inverse definite minimum time relay for overcurrent protection, comprising in combination:

- (a) a transactor connected one in each phase of a power supply for producing a linearly varying a.c. signal voltage proportional to a fault current;
- (b) a rectifier means connected to the output of said transector for converting said a.c. signal voltage received from the transactor into a d.c. signal voltage proportional to said a.c. signal voltage, said rectifier means including filter means for filtering said d.c. signal voltage;
- (c) a timer circuit connected to the output of said rectifier means for producing time delay as a function of the fault current as specified by I.S. 3231;
- (d) a pick-up unit connected at its input end to the output of said rectifier means and at its output end to said timer circuit for switching on said timer circuit at a preselected or present level of d.c. voltage;
- (e) a level detector connected to the output of the timer circuit to defect the present d.c. level output of the timer circuit and to switch on the relay driver circuit;
- (1) a relay driver circuit connected to the output of the level detector circuit to switch on the electromagnetic relay.

CLASS 187E. Int. Cl.-H04r 1/00. 146072.

AN ARMATURE ASSEMBLY.

Applicant: INSTRUMENTS & COMPONENTS, OF BLOCK NO. 5, DEV NAGAR, KAROL BAGH, NEW DELHI-110005, INDIA.

Inventor: NETRA PAL JAIN.

Application No. 934/Cal/76 filed May 29, 1976.

Complete Specification left June 30, 1977.

Appropriate office for opposition Proceedings (Rule Patents Rules, 1972) Patent Office, Delhi Branch.

#### 4 Claims.

An armature assembly for a telephone ringer comprising an armature plate with a pair of vertical arms extending therefrom a hole provided in said armature plate, a hammer arm having a hammer at one end, characterised in that the opposite end of said hammer arm is held to said armature plate by a plastic moulded block, a central hole extending through said plastic block and being in correspondence with said hole, a bush having a central passage in correspondence with the hole of said plate, said arm and bush held to said plate by said plastic block.

CLASS 187E.

146073.

Int. C1.-H04r 1/00.

A COIL ASSEMBLY.

Applicant: INSTRUMENTS & COMPONENTS, OF BLOCK NO. 5, DEV NAGAR, KAROL BAGH, NEW DELHI-110005, INDIA.

Inventor: NETRA PAL JAIN.

Application No. 935/Cal/76 filed May 29, 1976.

Complete Specification left June 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

#### 7 Claims.

A coil assembly comprising a preformed spool with end cheeks integrally formed therewith, openings provided in said cheeks for introduction of a subassembly consisting of a magnet sandwiched between two pole pieces and a coil wound on said spool.

CLASS 158C.

146074.

Int. Cl.-B61k 7/00.

A RAILWAY WAGON SPEED CONTROL DEVICE.

Applicant: DOWTY HYDRAULIC UNITS LIMITED, OF ARLE COURT, CHELTENHAM, ENGLAND.

Inventors: JOHN HIRST WALKER, DAVID EWART BICK, AND IAN CHARLES PARRY.

Application No. 2286/Cal/76 filed December 29, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

# 21 Claims.

A railway wagon speed control device comprising a guide, a plunger axially slidable in the guide, thrust-exerting means capable of acting axially between the guide and the plunger, and a circular head secured to or forming part of the plunger and projecting laterally around its periphery from the external surface of the plunger, said guide being adapted for attachment to a railway rail such that the head will be capable of engaging the flange of a passing wagon wheel for energy transfer by axial sliding movement of the plunger within the guide when the thrust-exerting means acts.

CLASS 152F.

146075.

Int. Cl.-C08k 1/02, 1/20, 1/78, C08g 51/00.

A POLY CARBONATE COMPOSITIONS CONTAINING GLASS FIBER REINFORCING AGENTS.

Applicant: GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors: PHILIP LANGDON KINSON AND PABLO DELGADO DE TORRES.

Application No. 287/Cal/77 filed February 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

# 6 Claims.

A polycarbonate composition containing glass fiber reinforcing agents comprising; (I) from (a) 5-95 parts by weight

of a poly [halobis (phenyl) ethylene carbonate] of formula (I).

$$\begin{bmatrix} (R)_{4} & (R)_{4} \\ \vdots \\ Y & Y \end{bmatrix}_{m}$$

wherein independently each R is hydrogen, chlorine, bromine or a C-50 monovalent hydrocarbon or hydrocarbonoxy group, each Y is hydrogen, chlorine, or bromine subject to the proviso that at least one Y is chlorine and bromine, and m is an integer of at least 2, and (b) 95-5 parts by weight of a poly [arene carbonate] of formula (II).

$$\begin{bmatrix}
(y)d \\
Ar
\end{bmatrix}_{a}
\begin{bmatrix}
(x)e \\
Rf
\end{bmatrix}_{a}
\begin{bmatrix}
(y)d \\
Ar
\end{bmatrix}_{e}$$

wherein R, is an alkylene, alkylidene, cycloalkylidene or arylene linkage or a mixture thereof, a linkage selected from the group consisting of ether, carbonyl, amine a sulphur or phosphorus containing linkage, Ar and Art are arene radicals, Y is a substituent selected from the group consisting of organic and inorganic radicals as defined herein X is monovalent hydrocarbon group selected from the class consisting of alkyl, aryl and cycloalkyl and mixtures thereof, a halogen, an ether group of the formula-OE wherein E is a monovalent hydrocarbon radical similar to X, a monovalent hydrocarbon group of the type represented by R, d represents a whole number of at least 1, c represents a whole number equal to at least O or more, a, b and c represent whole numbers including O, a or c but not both may be O, and wherein n is an integer of at least 2, and; (II) 5 to 50 parts (per 100 parts of said poly [halobis (phenyl) ethylene carbonate] of a glass fiber.

CLASS 127A.

146076.

Int. Cl.-F16d 13/38.

MULTIPLE DISK CLUTCH STAMPED ADAPTER RING.

Applicant: DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventor: RICHARD ALLEN FLOTOW.

Application No. 372/Cal/77 filed March 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

An adapter ring attached to a clutch cover to extend the axial length of the clutch cover to accommodate a clutch assembly of increased length, the adapter ring comprising: a stamped sheet metal annular element having a generally "U"—shaped cross-section with a central portion an outwardly facing leg and an inwardly facing leg wherein said central portion and said inwardly facing leg have a plurality of slots formed therein for receiving the lugs of a driven plate.

CLASS 76H.

146077.

Int. Cl.-F16j 15/00.

SEAL.

Applicant: OY, E. SARLIN AB, VANTAA, FINLAND.

Inventor: ROLF LUND.

Application No. 652/Cal/77 filed May 2, 1977.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims.

Seal for carrying a rotating shaft through a wall, comprising a rotating sealing ring and a stationary sealing ring abutting there against, the rotating ring being connected with the shaft and the other with the wall and one of the two being located at the end of a rubber bellows producing an axial sealing pressure, characterized in that within the wall of the rubber bellows there is at least one metal pin, which is positioned obliquely with reference to the shaft.

CLASS 70Cs.

146078.

Int. Cl.-C23b 5/00, C23b 11/00.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF HARD, HEAT-RESISTANT NICKEL-BASE ELECTRODEPOSITS.

Applicant: INCO EUROPE LIMITED (FORMERLY KNOWN AS INTERNATIONAL NICKEL LIMITED), OF THAMES HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Inventor: WILLIAM RONALD WEARMOUTH.

Application No. 745/CaI/77 filed May 19, 1977.

Convention date May 28, 1976/(22299/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 20 Claims. No drawings.

An article consisting of or having as an outer surface, a hard sulphur-containing nickel electrodeposit exposed in use or manufacture to temperatures exceeding 200°C., characterized in that the nickel-containing electrodeposit containing, by weight, from 0.007 to 1% sulphur and sufficient manganese, in the range of from 0.02 to 5%, in excess of the stoichiometric amount necessary to form manganese sulphide with the sulphur, to improve embrittlement resistance of the electrodeposit at temperature exceding 200°C.

CLASS 32F1.

146079.

Int. C1.-C07c 121/00.

A METHOD FOR THE PREPARATION OF THE CISAND TRANS-ISOMERS OF 3, 7-DIMETHYL-2, 6-OCTA-DIENE-NITRILE.

Applicant: ANIC S.P.A., AT PALERMO, VIA M. STA-BILE, 216, ITALY.

Inventors: ALDO PREVEDELLO AND EDOARDO PLATONE.

Application No. 1958/Cal/75 filed October 9, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 3 Claims. No drawings.

A method for the preparation of a mixture of cis-and trans-isomers of 3, 7-dimethyl-2, 6-octadienenitrile, characterized in that it comprises the step of dehydrating 3, 7-dimethyl 3-hydroxy-6-octenenitrile by treating said compound in the presence of a dehydrating catalyst at a temperature of from 210°C to 230°C for a time of not less than 90 minutes.

CLASS 32Fc.

146080.

Int. Cl.-C07c 121/16.

A PROCESS FOR THE PREPARATION OF 3, 7-DIMETHYL-3-HYDROXY-6-OCTENENITRILE.

Applicant: ANIC S.P.A., AT PALERMO, VIA M. STA-BILE, 216, 1TALY.

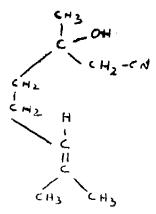
Inventors: SNAMPROGETTI S.P.A. ALDO PREVEDELLO AND EDOARDO PLATONE.

Application No. 1959/Cal/75 filed October 9, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

A method for preparing the compound 3, 7-dimethly-3-hydroxy-6-octenenitrile having the structural formula shown in Fig. 1.



which method comprises reacting at a temperature between 0°C and -60°C acetonitrile and 2-methyl-hept-2-enc-6-one in the presence of a strong base selected from the group consisting of alkali metal amides.

CLASS 89.

146081.

Int. Cl.-G01L 13/06.

PLATINUM RESISTANCE MICROMANOMETER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: DR. TAPAN KUMAR BHATTACHARYYA AND KALHAN KUMAR SANYAL.

Application No. 69/Cul/76 filed January 12, 1976.

Complete Specification left February 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

# 1 Claim.

A device, as a platinum resistance micramanometer, for measuring or recording small pressure differential accurately, which comprises of a double distilled mercury filled U-tube management on a base with levelling screws and level indicator where two platinum wires are provided in two vertical limbs, another platinum wire is fused near the bottom of the U-tube, the two wires form two resistance arms of a bridge circuit, two balancing resistances are provided in the two other arms of the bridge circuit, a cell is provided to supply current to the bridge circuit through a switch and a current adjusting resistance, and a potentiometer, microvoltmeter or a recorder is used to measure or record the potential across the output terminals of the bridge circuit, the unbalanced potential being calibrated against the pressure differential applied at the two limbs of the U-tube.